

WEST Search History

DATE: Wednesday, January 07, 2004

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND</i>	
<input type="checkbox"/>	L6	L5 and (laser near3 puls\$3)	10
<input type="checkbox"/>	L5	L4 and (density near3 plasma)	64
<input type="checkbox"/>	L4	isotope near3 separat\$5	4161
<input type="checkbox"/>	L3	L2 and (laser near3 puls\$3)	35
<input type="checkbox"/>	L2	L1 and (density near3 plasma)	369
<input type="checkbox"/>	L1	isotop\$5	44566

END OF SEARCH HISTORY

- (crit. d. effects in femtosecond ablation plasmas and consequences for high intensity **pulsed laser** deposition)
- IT **Laser isotope separation**
(crit. d. effects in femtosecond ablation plasmas and consequences for high intensity **pulsed laser** deposition in relation to)
- IT **Clusters**
(germanium; crit. d. effects in femtosecond ablation plasmas and consequences for high intensity **pulsed laser** deposition)
- IT **7440-21-3, Silicon, properties 7440-56-4, Germanium, properties**
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); PROC (Process)
(crit. d. effects in femtosecond ablation plasmas and consequences for high intensity **pulsed laser** deposition)

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

- AB After plasmas were instantly produced between parallel-plate electrodes by exposure of a 1-dimensional at. vapor stream to **pulsed laser** light , their ion extn. characteristics were clarified by measuring the time evolution of the ion d. distribution. The flow. . .
- ST **isotope sepn laser atomic vapor phase; uranium sepn laser atomic vapor phase; barium sepn laser atomic vapor phase; photoionization plasma ion density**
- IT **Isotope separation**
(laser-induced, ion behavior in photoionization plasma in relation to)
- IT **Plasma**
(laser-induced, ion d. distribution in, time evolution of, **isotope sepn.** in relation to)
- IT **Fluorescence**
(laser-induced, plasma ion d. profile, **isotope sepn.** in relation to)
- IT **15721-70-7, Uranium(1+), properties 16541-35-8, Barium(1+), properties**
RL: PRP (Properties)
(d. profile, in photoionization plasma, **isotope sepn.** in relation to)

=> d his

(FILE 'HOME' ENTERED AT 16:19:59 ON 07 JAN 2004)

FILE 'CAPLUS' ENTERED AT 16:20:45 ON 07 JAN 2004

- L1 301105 S ISOTOP?
- L2 26 S L1 AND (DENSITY (3A) PLASMA)
- L3 2 S L2 AND (LASER (3A) PULS?)

=> d ti 1-26 12

L2 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN

TI High-density H-mode operation in ASDEX Upgrade

L2 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2004 ACS on STN

TI Critical density effects in femtosecond ablation plasmas and consequences